WHAT IS CLAIMED IS:

1	1.	An isolated nucleic acid encoding an SSG polypeptide, said	
2	polypeptide comp	rising an amino acid sequence that is at least about 70% identical to an	
3		ace as set forth in SEQ ID NO:1 or 3.	
1	2.	The nucleic acid of claim 1, wherein said polypeptide specifically	
2	binds to polyclona	al antibodies generated against a polypeptide that comprises an amino	
3	acid sequence sele	ected from the group consisting of SEQ ID NO:1, SEQ ID NO:3, SEQ	
4	ID NO:5 and SEQ ID NO:6.		
1	3.	The nucleic acid of claim 1, wherein said polypeptide comprises an	
2	amino acid sequer	nce selected from the group consisting of SEQ ID NO:1, SEQ ID NO:3,	
3	SEQ ID NO:5 and SEQ ID NO:6.		
1	4.	The nucleic acid of claim 1, wherein said polypeptide forms a	
2	dimer with a seco	nd ABC polypeptide, and wherein said dimer exhibits sterol transport	
3	activity.		
1	5.	The nucleic acid of claim 4, wherein said dimer is a heterodimer.	
1	6.	The nucleic acid of claim 4, wherein said sterol is cholesterol.	
1	7.	The nucleic acid of claim 5, wherein said second ABC polypeptide	
2	is ABC8.		
1	8.	The nucleic acid of claim 1, wherein said nucleic acid hybridizes	
2	under moderately stringent hybridization conditions to a nucleic acid comprising a		
3	nucleotide sequer	ace as set forth in SEQ ID NO:2 or 4.	
1	9.	The nucleic acid of claim 8, wherein said nucleic acid hybridizes	
2	under stringent h	ybridization conditions to a nucleic acid comprising a nucleotide	
3	sequence as set forth in SEQ ID NO:2 or 4.		
1	10	The nucleic acid of claim 1, wherein said nucleic acid comprises a	
2	nucleotide seque	nce at least about 70% identical to a sequence as set forth in SEQ ID	
3	NO:2 or 4.		

1 2	11. The nucleic acid of claim 1, wherein said nucleic acid comprises a nucleotide sequence as set forth in SEQ ID NO:2 or 4.
1 2	12. The nucleic acid of claim 1, wherein said nucleic acid is greater than 502 nucleotides in length.
1 2	13. The nucleic acid of claim 1, wherein said nucleic acid is from a mouse or a human.
1 2	14. The nucleic acid of claim 1, wherein said nucleic acid is expressed in the intestine or in the liver in the presence of an LXR agonist.
1 2	15. The nucleic acid of claim 1, wherein said nucleic acid is expressed in a tissue selected from the group consisting of liver, jejunum, ileum, and duodenum.
1 2 3	16. An isolated nucleic acid encoding an SSG polypeptide, said polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO:5 and SEQ ID NO:6.
1 2	17. An expression cassette comprising the nucleic acid of claim 1 operably linked to a promoter.
1	18. An isolated cell comprising the expression cassette of claim 17.
1 2 3	19. An isolated SSG polypeptide, said polypeptide comprising an amino acid sequence that is at least about 70% identical to an amino acid sequence as set forth in SEQ ID NO:1 or 3.
1 2 3	20. The isolated polypeptide of claim 19, wherein said polypeptide selectively binds to polyclonal antibodies generated against a polypeptide comprising an amino acid sequence as set forth in SEQ ID NO:1 or 3.
1 2	21. The isolated polypeptide of claim 19, wherein said polypeptide comprises an amino acid sequence as set forth in SEQ ID NO:1 or 3.
1 2 3	22. The isolated polypeptide of claim 19, wherein said polypeptide forms a dimer with a second ABC polypeptide, and wherein said dimer exhibits sterol transport activity.

1		23.	The isolated polypeptide of claim 22, wherein said dimer is a	
2	heterodimer.			
1		24.	The isolated polypeptide of claim 23, wherein said second ABC	
2	polypeptide is	s ABC8	•	
1		25.	The isolated polypeptide of claim 22, wherein said sterol is	
2	cholesterol.			
1		26.	The isolated polypeptide of claim 19, wherein said polypeptide is	
2	expressed in	the inte	stine or in the liver in the presence of an LXR agonist.	
1		27.	The isolated polypeptide of claim 19, wherein said polypeptide is	
2	expressed in		selected from the group consisting of the liver, jejunum, ileum, and	
3	duodenum.			
1		28.	The isolated polypeptide of claim 19, wherein said polypeptide is	
2	from a mous	e or a h		
1		29.	An antibody generated against the isolated polypeptide of claim 19.	
1		30.	An isolated SSG polypeptide, said polypeptide comprising an	
2	amino acid s	sequence	e selected from the group consisting of SEQ ID NO:5 and SEQ ID	
3	NO:6.			
1		31.	A method of making an SSG polypeptide, the method comprising:	
2		(i) in	troducing a nucleic acid of claim 1 into a host cell or cellular extract;	
3	and		11. 1	
4			ncubating said host cell or cellular extract under conditions such that	
5	said SSG po	olypepti	de is expressed in the host cell or cellular extract.	
1		32.	The method of claim 31, further comprising recovering the SSG	
2	polypeptide	e from th	ne host cell or cellular extract.	
1		33.	A method of identifying a compound useful in the treatment or	
2	prevention	of a ster	col-related disorder, said method comprising contacting an SSG	
3	polypentide with a test agent, and determining the functional effect of said test agent upon			

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said polypeptide, wherein a functional effect exerted on said polypeptide by said test 4 agent indicates that said test agent is a compound useful in the treatment or prevention of 5 said sterol-related disorder. 6 The method of claim 33, wherein said sterol is cholesterol. 34. 1 The method of claim 33, wherein said polypeptide comprises an 35. 1 amino acid sequence that is at least about 70% identical to an amino acid sequence as set 2 forth in SEQ ID NO:1 or 3. 3 The method of claim 33, wherein said polypeptide is present in a 36. 1 cell or cell membrane. 2 The method of claim 33, wherein said polypeptide is bound to a 37. 1 heterologous ABC polypeptide, forming a heterodimer. 2 The method of claim 33, wherein said functional effect comprises 38. 1 an increase in the sterol transport activity of said polypeptide. 2 The method of claim 33, wherein said functional effect comprises a 39. 1 physical interaction between said test agent and said polypeptide. 2 The method of claim 39, wherein said physical interaction is 40. 1 detected using a direct binding assay. 2 The method of claim 33, wherein said sterol-related disorder is 41. 1 sitosterolemia. 2 The method of claim 33, wherein said sterol-related disorder is 42. 1 selected from the group consisting of hypercholesterolemia, hyperlipidemia, gall stones, 2 HDL deficiency, atherosclerosis, and nutritional deficiencies. 3 A method of identifying a compound useful in the treatment or 43. 1 prevention of a sterol-related disorder, said method comprising contacting with a test 2

agent a cell that expresses or is capable of expressing an SSG polypeptide, and

determining the functional effect of said test agent upon said cell;

5	wherein a functional effect exerted on said cell by said test ag	ent indicates	
6	that said test agent is a compound useful in the treatment or prevention of said sterol-		
7	related disorder.		
1	44. The method of claim 43, wherein said sterol is cholest	erol.	
1	45. The method of claim 43, wherein said SSG polypeption	le comprises	
2	an amino acid sequence that is at least about 70% identical to an amino acid	sequence as	
3	set forth in SEQ ID NO:1 or 3.		
1 2	46. The method of claim 43, wherein said compound prodincrease in the expression of an SSG gene that encodes said SSG polypeptide		
1 2	47. The method of claim 46, wherein said increase in the said SSG gene is detected by detecting the level of SSG mRNA in said cell.		
1 2	48. The method of claim 46, wherein said increase in the said SSG gene is detected by detecting the level of SSG polypeptide in said		
1 2	49. The method of claim 46, wherein said increase in the said SSG gene is detected by detecting the level of SSG protein activity in sa		
1 2	50. The method of claim 43, wherein said compound mod level of sterol transport activity in said cell.	lulates the	
1 2	51. The method of claim 50, wherein said sterol transport said cell is detected by detecting the rate of sterol efflux in said cell.	activity in	
1	52. The method of claim 51, wherein said sterol is choles	terol.	
1 2	53. The method of claim 46, wherein said increase in the said SSG gene is mediated by LXR or RXR.	expression of	
1 2	54. The method of claim 43, wherein said sterol-related d sitosterolemia.	isorder is	
1 2	55. The method of claim 43, wherein said sterol-related described from the group consisting of hypercholesterolemia, hyperlipidemia		
3	HDL deficiency, atherosclerosis, and nutritional deficiencies.		

1	56. A method of treating or preventing a sterol-related disorder in a		
2	mammal said method comprising administering to said mammal a compound that		
3	increases the level of expression or activity of an SSG polypeptide in a plurality of cells		
4	of said mammal.		
4			
1	57. The method of claim 56, wherein said sterol is cholesterol.		
1	58. The method of claim 56, wherein said sterol-related disorder is		
2	sitosterolemia.		
1	59. The method of claim 56, wherein said sterol-related disorder is selected from the group consisting of hypercholesterolemia, hyperlipidemia, gall stones,		
2	selected from the group consisting of hyperconstant partitional deficiencies.		
3	HDL deficiency, atherosclerosis, and nutritional deficiencies.		
1	60. The method of claim 56, wherein said compound produces a		
2	decrease in the amount of dietary sterol that is absorbed in said mammal.		
_	s a s a s a s a sa sa sa sa sa sa sa sa		
1	61. The method of claim 50, wherein said compound produces a		
2	decrease in the amount of sterol that is retained in the liver of said mammal.		
1	62. The method of claim 56, wherein said compound is identified using		
2	the method of claim 33 or 43.		
1	63. The method of claim 56, wherein said compound causes an		
2	increase in LXR or RXR activity within cells of said mammal.		
1	64. A method of prescreening to identify a candidate therapeutic agent		
2	that modulates SSG activity in a mammal, the method comprising:		
3	providing a cell which comprises an SSG polypeptide; and		
4	a test compound; and		
5	determining whether the amount of sterol transport activity in said cell is		
6	increased or decreased in the presence of the test compound relative to the activity in the		
7	absence of the test compound;		
8	wherein a test compound that causes an increase or decrease in the amount		
9	of sterol transport activity is a candidate therapeutic agent for modulation of SSG activity		
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1		65.	The method of claim 64, further comprising a secondary step,	
2	wherein said test compound is administered to a mammal, and the absorption of dietary			
3	sterol in said mammal is detected.			
1		66	A method of inducing the expression of an ABC gene in a	
1		66.		
2		ell, said	method comprising increasing the level of LXR or RXR activity in	
3	said cell.			
1		67.	The method of claim 66, wherein said ABC gene encodes a protein	
2	that is involve	ed in the	transport of a sterol.	
			The second secon	
1		68.	The method of claim 67, wherein said ABC gene is selected from	
2	the group consisting of SSG, ABC1 and ABC8.			
1		69.	The method of claim 67, wherein said sterol is cholesterol.	
1		70.	The method of claim 66, wherein said LXR or RXR activity is	
2	increased by	adminis	tering an LXR or RXR agonist to said cell.	
	•			
1		71.	The method of claim 66, wherein said cell is present in a mammal.	
1		72.	The method of claim 66, wherein said cell is a liver, intestinal, or	
2	kidney cell.			
1		73.	An isolated nucleic acid comprising at least one nucleotide	
2	sequence sele		om the group consisting of exon 1 (SEQ ID NO:7), exon 2 (SEQ ID	
3	NO:8), exon 3 (SEQ ID NO:9), exon 4 (SEQ ID NO:10), exon 5 (SEQ ID NO:11), exon 6			
	(SEQ ID NO:12), exon 7 (SEQ ID NO:13), exon 8 (SEQ ID NO:14), exon 9 (SEQ ID			
4	NO:15), exon 10 (SEQ ID NO:16), exon 11 (SEQ ID NO:17), exon 12 (SEQ ID NO:18)			
5	ŕ			
6	and exon 13	(SEQ II	J NO.13).	
1		74.	The isolated nucleic acid sequence of claim 73, further comprising	
2	at least one in	ntron.		